

Assessing Plastic Pollution in the Ligurian and Tyrrhenian Seas

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Supporting Information

Table SI1: A summary of the abundance, mass, and sampling location for each collected sample.

SAMPLE NUMBER	COORDINATES AT START	COORDINATES AT END	MESOPLASTIC ABUNDANCE (ITEMS/KM ²)	MICROPLASTIC ABUNDANCE (ITEMS/KM ²)	TOTAL ABUNDANCE (ITEMS/KM ²)	SAMPLE MASS (G/KM ²)
1	N44° 18.900 E9° 3.890	N44° 17.000 E9° 0.600	1,752	2,920	4,671	17.55
2	N44° 16.570 E9° 16.649	N44° 15.636 E9° 18.710	504	505	1,009	0.45
3	N44° E9° 50.2	N43° 57 E9° 52.4	17,473	10,953	28,426	43.84
4	N43° 42.44 E10° 8.5	N43° 41.098 E10° 10.426	458	3,207	3,665	2.29
5	N43° 31.77 E10° 14.201	N43° 31.201 E10° 11.633	38,082	30,375	68,457	576.72
6	N43° 2.44 E9° 52.49	N42° 59.792 E9° 56.701	3,699	15,231	18,930	82.18
7	N42° 54.806 E10° 5.183	N42° 52.850 E10° 8.829	6,937	17,077	24,013	144.43
8	N42° 51.066 E10° 13.359	N42° 50.507 E10° 15.977	10,155	17,219	27,374	145.61
9	N42° 51.650 E10° 27.008	N42° 50.195 E10° 28.161	19,979	50,474	70,453	385.28
10	N42° 47.221 E10° 35.285	N42° 46.907 E10° 33.888	18,938	31,288	50,226	439.11
11	N42° 28.58 E10° 14.41	N42° 27.035 E10° 12.74	6,713	19,692	26,405	66.42
12	N42° 06.925 E9° 52.702	N42° 04.200 E9° 50.35	2,460	4,100	6,561	15.35
13	N41° 55.153 E9° 43.157	N41° 52.908 E9° 41.043	4,194	14,196	18,391	1,084.88
14	N41° 44.465 E9° 30.845	N41° 42.317 E9° 28.806	2,688	4,704	7,392	97.10
15	N41° 28.23 E9° 23.703	N41° 26.466 E9° 23.579	8,024	16,549	24,573	203.40
16	N41° 16.206 E9° 17.458	N41° 14.93 E9° 17.863	4,051	8,777	12,828	178.92

17	N41° 10.6 E9° 35.4	N41° 10.1 E9° 37.8	1,413	4,238	5,651	11.68
18	N41° 6.58 E9° 46.9	N41° 3.351 E9° 47.257	4,920	11,208	16,128	56.56
19	N40° 59.55 E9° 43.34	N40° 58.45 E9° 41.5	4,489	23,939	28,428	72.67
20	N41° 6.55 E9° 47.12	N41° 7.8 E9° 47.9	5,127	6,409	11,536	9.81
21	N41° 34.006 E9° 22.18	N41° 35.46 E9° 23.3	1,055	527	1,582	5.96
22	N41° 37.706 E9° 25.845	N41° 37.914 E9° 27.013	12,784	22,618	35,403	567.92
23	N41° 42.712 E9° 27.588	N41° 44.13 E9° 27.909	9,237	14,164	23,402	1,999.79
24	N42° 11.23 E9° 45.64	N42° 12.41 E9° 42.29	2,892	4,820	7,712	51.02
25	N42° 17.753 E9° 51.405	N42° 19.418 E9° 52.410	4,854	21,845	26,699	65.73
26	N42° 42.282 E10° 17.710	N42° 41.804 E10° 19.755	1,679	5,037	6,716	4.70
27	N42° 45.4 E10° 28.68	N42° 47.085 E10° 29.099	26,365	66,690	93,056	740.99
28	N42° 52.358 E10° 29.586	N42° 52.898 E10° 28.554	0	5,705	5,705	21.49
29	N42° 52.830 E10° 13.591	N42° 53.3 E10° 12.662	28,835	93,982	122,817	1,017.68
30	N42° 57.566 E10° 1.135	N42° 58.416 E9° 59.552	15,373	30,745	46,118	305.24
31	N43° 1.732 E9° 38.69	N43° 3.128 E9° 37.82	8,652	16,728	25,380	536.51
32	N44° 7.012 E9° 39.547	N44° 7.55 E9° 37.06	1,419	4,733	6,152	32.09
33	N44° 12.349 E9° 26.128	N44° 13.13 E9° 23.791	8,573	14,288	22,861	43.82
34	N44° 17.324 E9° 10.066	N44° 16.394 E9° 8.406	27,518	58,548	86,066	105.50

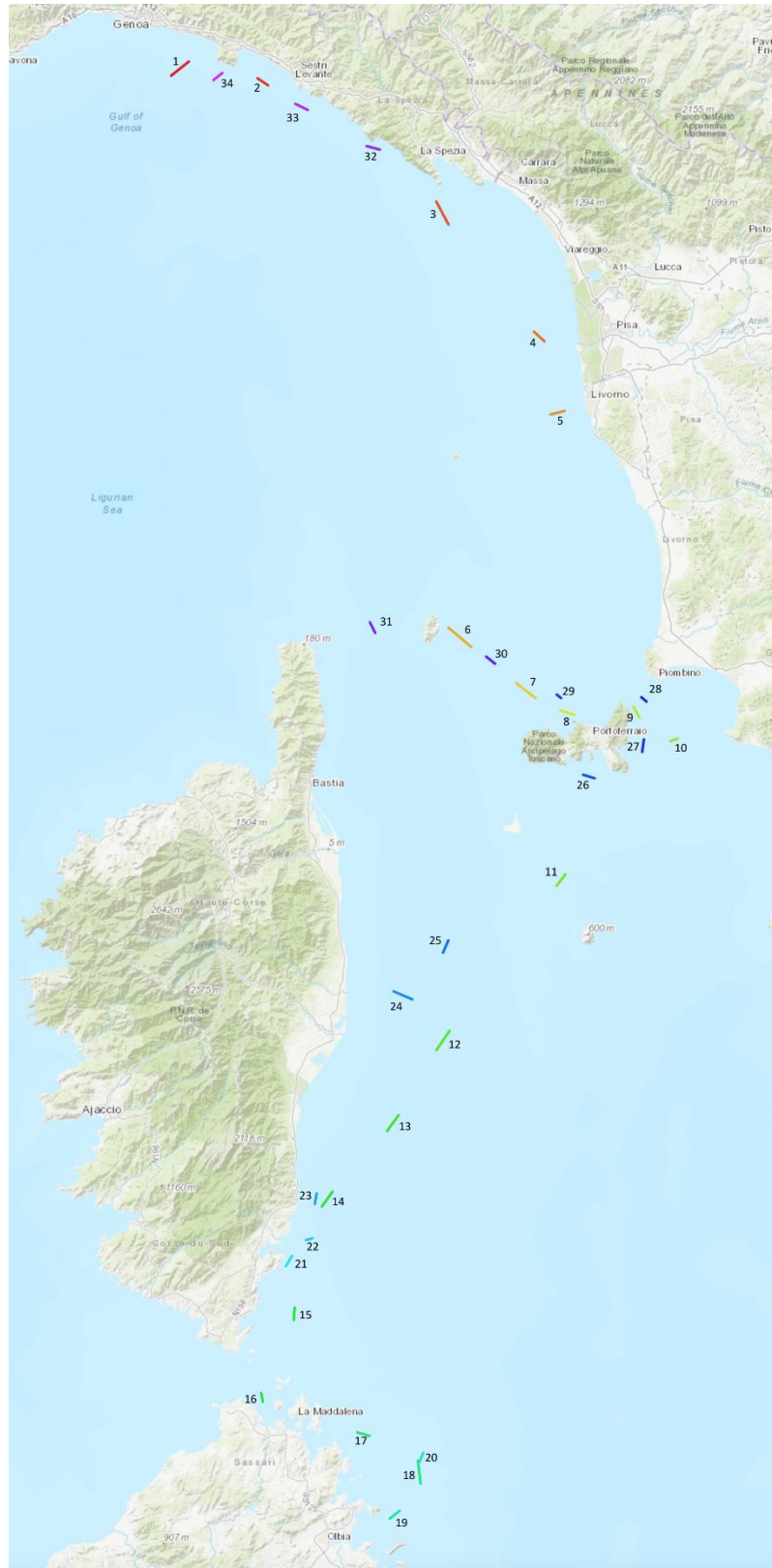


Figure S11: A map of the sample locations with their numeric label. Labels were assigned based upon the order of collection (i.e. sample 1 was the first collected).

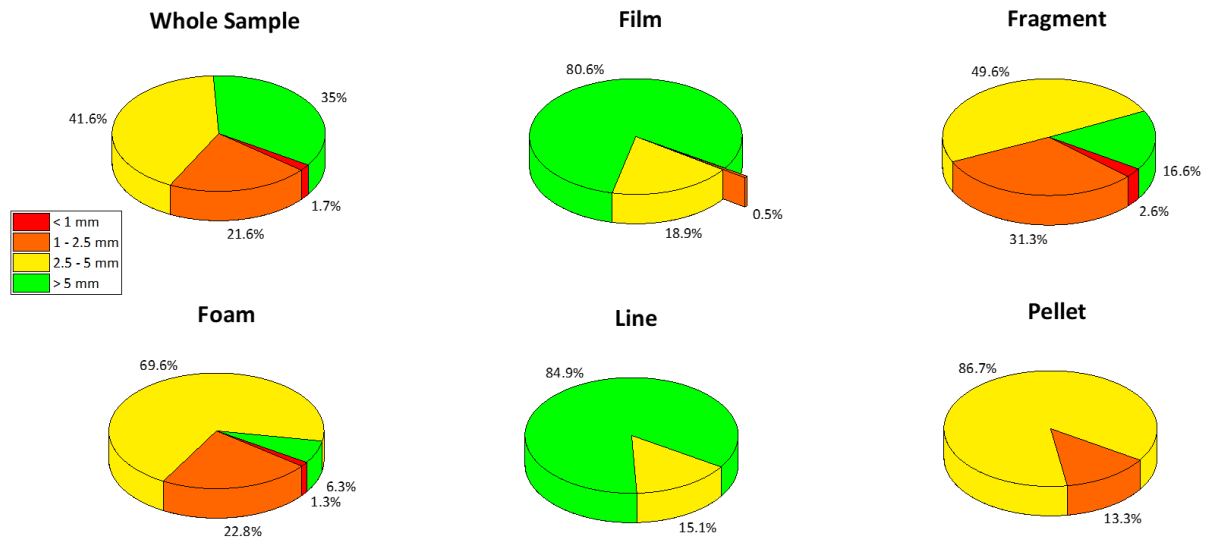


Figure S12: Ratios for the particle sizes present within each shape category. The color legend used for all pie charts in the figure is displayed in lower left corner of the whole sample box.